

CLAIMS

I/We claim:

- [c1] 1. A methods in a computer system for detecting myocardial infarction comprising
- receiving ECG data;
 - analyzing the ECG data for benign ST data; and
 - when the ST data is not benign;
 - establishing a pathological threshold;
 - normalizing any deviation in the ECG data;
 - applying a pattern analysis to the normalized ECG data; and
 - generating a score indicating presence of a myocardial infarction based on the pattern analysis and the threshold.